# **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	35	703/27.ccls. and @pd>="20080401"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/12/23 08:23
L2	10987	(tim\$4 or performance) same annotat\$5	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/12/23 08:30
L3	6031	(tim\$4 or performance) with annotat\$5	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/12/23 08:30
L4	1070	((tim\$4 or performance) with annotat\$5) same (code or assembl\$2 or line)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/12/23 08:31
L5	257	(((tim\$4 or performance) with annotat\$5) same (code or assembl\$2 or line)) and simulat\$4	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/12/23 08:32

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annotate assembler timing

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## Worst-case execution-time analysis at low cost - ▶ ncl.ac.uk [PS]

P Puschner - Control Engineering Practice, 1998 - Elsevier

... A low-level WCET analysis tool then computes detailed **timing** information of the **annotated assembler** programs, and passes the information back to the source ...

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#### Compilation-based software performance estimation for system level design

M Lazarescu, JR Bammi, E Harcourt, L Lavagno, M ... - Proceedings of the IEEE International High-Level Validation ..., 2000 - doi.ieeecs.org

... compiler. The output assembler is translated to an assembler-level C

co-simulation model, annotated with timing information. The ...

Cited by 20 - Related articles - Web Search - All 5 versions

### A compilation-based software estimation scheme for hardware/software co-simulation -

#### ▶ sigda.org (PDF)

M Lajolo, M Lazarescu, A Sangiovanni-Vincentelli - Proceedings of the seventh international workshop on ..., 1999 - portal acm.org

... The key idea is to use the GNU-C compiler (CCC) to generate "assembler-level" C code. This code can be annotated with timing information, and used as a ...

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#### [PS] Incorporating worst-case execution time in a commercial C-compiler

H Borjesson - Master's thesis, Department of Computer Systems, Uppsala ..., 1995 - astec.uu.se ... 29 8 Analytic Timing Tools 30 8.1 ... 30 8.3 \The Annotation Approach" : : : : 31 8.4 ...

Cited by 13 - Related articles - View as HTML - Web Search - All 7 versions

#### Annotated calendar assembly

JP Vincent, ME Weidmann - US Patent 4,645,238, 1987 - freepatentsonline.com ... and appear to aid a user in visually correlating the time of the ... being scheduled for inclusion as a footnote during later annotated calendar assembly. ...

Cited by 14 - Related articles - Web Search - All 2 versions

#### [PDF] A review of worst-case execution-time analysis (editorial)

P Puschner, A Burns - Real-Time Systems, 2000 - idt.mdh.se

... Mok and his group (Mok et al., 1989 Amerasinghe, 1985 Chen, 1987) produced a timing tool for assembly language programs, which are annotated by TAL (timing ...

Cited by 83 - Related articles - View as HTML - Web Search - BL Direct

#### Non-invasive trace-driven system and method for computer system profiling

TW Keller, RJ Urguhart - US Patent 5,355,487, 1994 - freepatentsonline.com

... CPU time consumed by execution of the machine instructions generated by each line of source code is reported. As an intermediate step, an annotated assembly ...

Cited by 51 - Related articles - Web Search - All 3 versions

# Code size minimization and retargetable assembly for custom EPIC and VLIW instruction formats - > umich.edu (PDF)

S Aditya, SA Mahlke, BR Rau - ACM Transactions on Design Automation of Electronic Systems ..., 2000 -

portal.acm.org

... of these measures are applied by PICO-VLIW at the time that the ... approach, the compiler needs to profile the program and annotate the assembly code with ...

Cited by 17 - Related articles - Web Search - Library Search - BL Direct - All 8 versions

Whole-genome random sequencing and assembly of Haemophilus influenzae Rd - ▶usip.edu

RD Fleischmann, MD Adams, O White, RA Clayton, EF ... - Science, 1995 - sciencemag.org ... An approach for genome analysis based on sequencing and assembly of unselected ... sequenced with automated technology (5). At the present time, there are active ge ... Cited by 2657 - Related articles - Web Search - BL Direct - All 11 versions

#### Real-Time Performance of Sorting Algorithms

PP Puschner - Real-Time Systems, 1999 - Springer

... for the computation of the WCET bound from the **annotated assembly** language program. ass2lp reads an **assembler** program, looks up the execution **time** for each ...

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Key authors: P Puschner - M Lajolo - M Lazarescu - P Lee - A Burns

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#### Compilation-based software performance estimation for system level design

M Lazarescu, JR Bammi, E Harcourt, L Lavagno, M ... - Proceedings of the IEEE International High-Level Validation ..., 2000 - doi.ieeecs.org

... An annotated C sim- ulation model is generated from the assembler output of the ... Although the performance annotations reflect the compiler optimizations, the ...

Cited by 20 - Related articles - Web Search - All 5 versions

# Vertebral Shape: Automatic Measurement with Active Shape Models 1 - ▶rsnainls.org [PDF]

PP Smyth, CJ Taylor, JE Adams - Radiology, 1999 - RSNA

... The frac- ture-detection performance with the manually annotated full contour would reflect the potential performance of ASM- based fracture detection. ...

Cited by 50 - Related articles - Web Search - BL Direct - All 3 versions

## An optimized protocol for analysis of EST sequences - ▶ nih.gov [HTML]

F Liang, I Holt, G Pertea, S Karamycheva, SL ... - Nucleic Acids Research, 2000 - Oxford Univ Press ... to determine their performance in assembling EST sequences and developed a refined process of EST sequence cleaning, clustering, assembly and annotation that ... Cited by 117 - Related articles - Web Search - BL Direct - All 18 versions

## CAP3: A DNA Sequence Assembly Program - > usp.br [PDF]

X Huang, A Madan - Genome Research, 1999 - Cold Spring Harbor Lab

... also uses forward-reverse constraints to correct assembly errors and link contigs.

Results of CAP3 on four BAC data sets are presented. The performance of CAP3 ...

Cited by 972 - Related articles - Web Search - BL Direct - All 12 versions

# C++ Expression Templates Performance Issues in Scientific Computing - > uni-erlangen.de

F Bassetti, K Davis, D Quinlan - 12th International Parallel Processing Symposium and 9th ..., 1998 doi.ieeecs.org

... The actual number of loads and stores is determined using the performance counters and the annotated assembly code shows what kind of registers are needed ...

Cited by 7 - Related articles - Web Search - All 17 versions

#### Real-Time **Performance** of Sorting Algorithms

PP Puschner - Real-Time Systems, 1999 - Springer

... To assess the SRT performance we determined soft execution time bounds ... program with the GNU GCC compiler and annotated the resulting assembler program with ...

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### Non-invasive trace-driven system and method for computer system profiling

TW Keller, RJ Urguhart - US Patent 5,355,487, 1994 - freepatentsonline.com ... particularly important when looking for performance issues that ... code number, relative address, assembler line of ... An annotated source code listing is obtained ...

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# [PDF] ► Java and scientific programming: Portable browsers for performance programming

M Cierniak, S Srinivas - Java for Computational Science and Engineering - ..., 1997 - hpjava.org

... 13 Page 14. Annotated Assembly Code Transformed Optimized Source ... xf→cœl žœ →cŸf % žį"ϔ ¢e£h žϔf¤l¥ Performance Experiment Data File 1 ...

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Worst-case execution-time analysis at low cost - ▶ ncl.ac.uk [PS]

P Puschner - Control Engineering Practice, 1998 - Elsevier

... then computes detailed timing information of the annotated assembler programs, and ...

Keywords: Execution times; performance analysis; real-time languages; real ...

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A portable browser for performance programming

M CIERNIAK, S SRINIVAS - Concurrency: Pract. Exper, 1997 - doi.wiley.com ... window is the original source annotated with cycle ... source, the transformed source, assembly, compiler information file and performance ex-

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